

**Section 1.0**  
**APPLICATION FOR SUBGRANT UNDER**  
**FY16-FY17 State Educational Technology Implementation Funds**

**NRS 388.780-805**  
**Commission on Educational Technology**

**Return to:**  
Kimberly Vidoni  
700 East Fifth Street  
Carson City, NV 89701

**1. DISTRICT NAME AND MAILING ADDRESS:**

Churchill County School District  
690 S. Maine Street  
Fallon, NV 89406

**Name of School:** Churchill County Middle School

**2. AUTHORIZED CONTACT PERSON:** (This person must be available 2/25/16, 9:00-4:00 to answer questions at the phone number below.)

**Name** Kimi Melendy

**Title** Educational Services Director

**Phone and Extension:** (775) 423-0462 ext 5

**Fax Number:** (775) 423-9581

**E-mail Address:** melendyk@churchill.k12.nv.us

**3. Total Funds Requested:**

One-to-One: \$416,167.04

WAN Upgrades: none

**4. CERTIFICATION**

I HEREBY CERTIFY that, to the best of my knowledge, the information contained in this application is correct; the local Board of Trustees has authorized me, as its representative, to file this application; and such action is recorded in the minutes of the agency's meeting held on: February 8, 2016  
(date)

**5. Signature**

  
District Superintendent

**STATE DEPARTMENT USE ONLY**

**Date Received:**

**Approved:**

**Initial Grant Award Issued:** \_\_\_\_\_

**Amount:** \$ \_\_\_\_\_

## School Demographics Worksheet

School Name: Churchill County Middle School

### Students

# Enrolled (Current)	# Enrolled (Projected)	# IEP	# FRL	#ELL
709	684	96 (13.54%)	362 (51.06%)	52 (7.33%)

The information below is for informational purposes only and will not be subject to scoring.

### Staff (Current, Pre-NR21 Counts)

#Teachers	#Tech Coaches	#IT Technicians	Total # Staff in Gateway
35	1	1	68

Does the school use Canvas as an LMS?

Yes

☒ No

If so, in what capacity?

Name of the district point of contact for this program:

Kimi Melendy, Educational Services Director

[melendyk@churchill.k12.nv.us](mailto:melendyk@churchill.k12.nv.us)

775-423-0462 ext 5

## Wireless Local Area Network (WLAN) Specifications Summary Form

Manufacturer AeroHive

Wireless Transmission Rate of	450	MB/sec at a range of 50 feet
	350	MB/sec at a range of 100 feet
	200	MB/sec at a range of 200 feet
Maximum Range of	328	feet

Full disclosure of the capabilities and limitations of the wireless technology proposed must be included such as interference between classrooms, distance and object penetration data, and susceptibility to interference from outside sources.

### **Radio Specifications—802.11a**

- 5.150–5.950 GHz Operating Frequency
- Orthogonal Frequency Division Multiplexing (OFDM) Modulation
- Rates (Mbps): 54, 48, 36, 24, 18, 12, 9, 6 w/ auto fallback

### **Radio Specifications—802.11b**

- 2.4–2.5GHz Operating Frequency
- Direct-Sequence Spread-Spectrum (DSSS) Modulation
- Rates (Mbps): 11, 5.5, 2, 1 w/auto fallback

### **Radio Specifications—802.11g**

- 2.4–2.5 GHz Operating Frequency
- Orthogonal Frequency Division Multiplexing (OFDM) Modulation
- 20 dBm (100 mW) Transmit Power
- Rates (Mbps): 54, 48, 36, 24, 18, 12, 9, 6 w/ auto fallback

### **Radio Specifications—802.11n**

- 2.4–2.5 GHz & 5.150–5.950 GHz Operating Frequency
- 802.11n Modulation
- Rates (Mbps): MCS0–MCS23 (6.5Mbps - 450Mbps)
- 3x3:3 Stream Multiple-In, Multiple-Out (MIMO) Radio
- HT20 High-Throughput (HT) Support (for both 2.4 GHz and 5 GHz)
- A-MPDU and A-MSDU Frame Aggregation

### **Antennas**

- 3x Integrated single band, 2.4-2.5 GHz Omni-directional antennas, 6.0 dBi peak gain
- 3x Integrated single band, 5.1-5.8 GHz Omni-directional antennas, 6.0 dBi peak gain

### **Interfaces**

- 2x autosensing 10/100/1000 Base-T Ethernet Ports
- Link Aggregation supported via Ether channel (link aggregation)

## Wireless Local Area Network (WLAN) Specifications Summary Form Continued

at 10/100 only)

- 1x Serial RJ45 port (bits per second: 9600, data bits: 8, parity: none, stop bits: 1, flow control: none)
- USB 2.0 port (with power adapter only)
- 1x Reset Pinhole

We have been running the AeroHive solution in CCSD for several years now and have found it to be an extremely reliable system. We have been able to roll out the number of AP's needed for more the adequate coverage across our campuses.

Please describe the average amount of time in hours per month the system will be down for regular scheduled maintenance. Also describe how maintenance will be accomplished so that the impact on system availability is minimized.

**None**

Please describe how backup systems will be utilized so that the impact on system availability is minimized.

**The AeroHive system has Automatic Mesh backup system.**

Please describe other WLAN specifications

**The AP330 provides high-performance 3x3 three spatial stream MIMO on dual concurrent (2.4Ghz and 5Ghz) 802.11n access radios and is designed for high bandwidth wireless enterprise environments. In addition, the AP330 can support legacy 802.11a, b, and g clients and interoperate with the rest of the AeroHive Cooperative Control devices to provide a seamless enterprise-class experience for all connected users. Multiple radios provide concurrent 802.11a/n and 802.11b/g/n connections with no degradation in performance.**

- Automatic or dedicated mesh backup
- Dual Ethernet ports for etherchannel or backup connectivity.
- Plenum Rated APs for indoor, office environments
- Supports 802.3af PoE or standard power adapter
- USB interface for future 3G/4G services
- Hardware acceleration for IPsec services

## Assurances

The undersigned provides the following assurances:

1. The provisions listed in the Educational Technology Appropriation pertaining to the use of the technology appropriations will be fully accepted and complied with.
2. The funding provided through the Educational Technology Appropriation will be accounted for separately in a Special Revenue Account. The accounting and program records will be available to representatives of the Commission on Educational Technology, Nevada Department of Education, Legislative Committee on Education, Legislative Counsel Bureau, Legislative Bureau of Educational Accountability and Program Evaluation, and State Department of Administration. The records will also be subject to the annual organization audit required of all school districts.
3. The reports pertaining to educational technology requested by the Commission on Educational Technology, Nevada Department of Education, Legislative Committee on Education, Legislative Counsel Bureau, Legislative Bureau of Educational Accountability, and State Department of Administration will be filed accurately and within the prescribed timelines. If they are not, this will be grounds for forfeiture of remaining funds for the FY16 or FY17 grant cycle.
4. Students with special needs and disabilities will receive the consideration of programs and projects involving the enhancement of educational technology.
5. The school district will not use the funds to enhance the salaries or benefits of current employees. Furthermore the funding will not be used to increase the resources available for contract negotiations with the associations representing the various employee groups.
6. The district agrees to hire a district coach dedicated to NR21 as outlined in the application.
7. The district agrees to provide adequate tech support for NR21 as outlined in the application.
8. The district agrees to pay the vendor(s) that are selected for the project as defined in the grant award.
9. The district agrees to provide a service level of on-site technical support to students and staff with a target maximum 24 hours response time.
10. The district agrees to provide adequate locations at the school to house the networking equipment including switches, patch panels, and controllers including surge protection.
11. The district agrees that the bandwidth identified in the submitted application will in place by implementation of the program.
12. The district agrees to fully comply with all NR21 professional development requirements and those outlined by the district in the application.
13. The district agrees to maintain students' media releases and acceptable use policies as normally administered by the district and school(s).
14. The district agrees to fully comply with the needs assessment mandated by NRS 388.795. Second year funding may be withheld if the district does not comply.
15. The district agrees to fully comply with the outside evaluation team that will evaluate the effectiveness of these grants and any other state data collection initiative. Noncompliance may affect the district's eligibility in future grant cycles or result in forfeiture of remaining funds for the FY16 or FY17 grant cycle.
16. All requests for budget amendments must be made in writing prior to expenditure of funds.
17. Final financial reports will be on file with the Nevada Department of Education for all previous educational technology funding within 45 days from the end of the grant cycle.
18. Agree that any funds not committed for expenditure as of June 30, 2017 will be returned to the Nevada Department of Education for reversion to the State General Fund.
19. Agree to all the terms of participation outlined in this RFA.

Signature:

  
District Superintendent or Authorized Designee

Dr. Sandra Sheldon  
Print Name Here

February 8, 2016

Date

Churchill County School District  
School District

## Nevada Ready 21 Project Description

**Goal: A digital learning environment will be the backbone of Churchill County Middle School (CCMS) where students and teachers engage in blended and personalized learning through the use of technology thus increasing student achievement.**

**Objective 1:** The principal will create a school leadership team to facilitate a transformation in school culture from a teacher centered model to one that provides a blended and personalized learning environment that is student centered and focused on 21<sup>st</sup> Century learning.

**Description:** Leadership is the number one factor of success in technology integration according to Project RED. Churchill County Middle School is a four-star middle school serving 710 students in grades 6-8. The school has a new principal. In a few short months, she has effectively changed the culture of the school from one that harbored fear and intimidation, both for staff and students, to one that has become inclusive and focused on respect and trust. She is committed to putting students first and recognizes the need to lead the school toward a student centered learning environment that promotes individualized learning. As such, the principal has established a vision that emphasizes the movement of teachers and students toward a student-centered digital learning environment. She has shown her commitment by attending a Google Summit on her own time as well as providing Google training for CCMS teachers. Her ability to communicate openly and honestly with the staff, parents, students and other stakeholders, combined with her shared leadership style, has proven to be effective in uniting staff, parents and students.

As CCMS moves forward with this vision, students will be engaged in a learner centered environment that addresses and integrates 21st Century skills. Currently, CCMS has Smart Board systems in each classroom and two classroom sets of 1:1 tablets that have been utilized over the past two years. CCMS also has two fully functioning STEM labs. Churchill County School District (CCSD) teachers in kindergarten through fifth grade currently use Chromebooks to enhance learning. As the fifth grade students move to the middle school next school year, they will already have experienced personalized learning and will have the expectation that devices will be available for them to continue in this mode of instruction. It is essential that 1:1 Chromebooks become available for CCMS students and that middle school teachers begin training on these devices this spring so they are ready for students who are already prepared for a digital learning environment.

Action Step	Responsible	Timeline	Resources	Outcomes
Selection of members for the Technology Leadership Team.	Principal	Spring 2016	None at this time	Team will consist of 2 teachers from each grade level, 2-3 parent/community volunteers, technology coach and district technology coordinator.

The Technology Leadership Team will attend the International Online Learning Symposium for Personalized and Blended Learning.	Principal Coach Teacher Leaders	August 25-28, 2016	Travel Costs will be borne by District Title II Grant Funds	Leadership team will have a strong understanding of personalized and blended learning models. They will meet leadership teams from schools that have successful programs and form collaborative relations between CCMS and other districts and use the knowledge they have gained to lead the change to 21 <sup>st</sup> Century learning model.
Principal and Technology Coach will attend the monthly state online NR21 PD.	Principal Coach	On-going	Possible minimal travel costs	Stay connected with NDE and benefit from the in-depth support.

**Objective 2: Provide a comprehensive professional development program that will engage 100% of CCMS teachers in the creation of student centered classrooms focused on blended and personalized learning.**

**Description:** Professional development is essential to building the capacity of teachers to create classroom transformation. Formal systems for ongoing professional learning can lead to transforming educational environments, raising student achievement and ultimately creating high-performing schools according to Leslie Wilson and Michael Gielniak.

Effective technology integration will be built on the foundation of support provided through the NR21 district professional development resources. Teachers know that they will need to take risks as part of their professional learning and growth. Using strategies acquired through professional development and seeing successful implementation of teacher leaders will give teachers greater confidence to try new techniques in their own classroom. This shift in mindset will have a direct impact on instruction as teachers become confident facilitators as would be expected in a classroom immersed in technology.

CCSD has technology teacher leaders in place from each elementary school. Together, these teacher create the Elementary Technology Leader Team. This system of leadership and support has proven to be successful in the district and provides an excellent technology resource for teachers to access on site. CCMS will utilize the same teacher leader model. The teacher leaders are the point of contact when teachers need direction and will provide assistance, share ideas and encourage risk-taking. They will meet with

other districts for in-person training as well. Teachers will use the knowledge gained from professional development to transform their teaching to real-time instructional and curricular-management systems. With professional development resources and devices available anytime, educators will be able to set high expectations for student performance and see those expectations met through “redefined tasks that were previously inconceivable”, as explained in the Substitution, Augmentation, Modification, Redefinition model developed by Dr. Ruben Puentedura. Additionally, with so many assessment tools available through real-time applications, the teachers’ ability to use data to instantaneously drive instruction will dramatically improve teaching and learning. This is the mindset CCSD wants to grow and cultivate in the district so that teachers and students are passionate about their learning not only in the classroom but also beyond the walls of the school.

The CCMS technology coach will provide professional development to 35 teachers and 2 administrators by offering on-going support before, during and after instruction using a variety of resources in a blended-learning model. A successful and supportive coaching relationship will continue to develop as the coach plans and co-teaches lessons, conducts classroom walk-throughs and has ongoing coaching conversations. As part of the coaching conversations, the coach will personalize the learning and provide individualized instruction. The CCMS technology coach has developed great rapport with many of the middle school teachers through working with them in Smart Board trainings and on previous projects such as eMINTS and other technology related projects. The coach will develop additional training sessions and resources that incorporate the ISTE National Educational Technology Standards and Nevada Academic Content Standards to supplement the NR21 professional development in a shared online space easily accessible to teachers. By participating in state training and then guiding teachers through the online modules, the coach will prepare teachers for the successful integration of technology. The coach is on-site and will be accessible to teachers throughout the workday and as needed through e-mail after hours. Teachers and students will come together with the principal and coach in creating a school-wide digital learning environment that caters to individual needs while taking into consideration each teacher’s technology experience and unique teaching style. CCMS teachers are eager and ready to create a 21st Century learning environment with their students, and the coach will ensure the success of all participants through the NV21 project.

Action Step	Responsible	Timeline	Resources	Outcomes
Select a cohort of teacher leaders to begin the implementation of 1:1 computing in the classroom.	Principal District Leadership Coach	March 2016	None at this time	Cohort will be in place to begin training.
Distribute teacher devices.	Principal Coach	May/June 2016	Cost of devices	Teachers will have technology in their possession.
Attend state professional development	Principal Cohort Coach	May/June 2016	Travel provided by district; per diem through NV21	Teachers will become familiar with devices and platforms.



Teachers will attend a 2-day summer training to develop classrooms and lesson plans with-in CANVAS.	Principal Coach Cohort	August 2016	\$25.00 per hour stipend provided through Title II funding	Teachers will have their classes set up in system with at least 3 lessons ready for students to access.
70% of CCMS teachers will have completed the 15 hour module for implementation of devices.	Principal Coach	September 2016	Teachers will be provided with 1 in-service credit for recertification	70% of teachers will be more confident in their use of their device.
Teachers will attend bi-weekly professional development with a balance of direct instruction and pedagogies that support student centered learning and creativity.	Coach	On-going throughout SY 2016-17	During Friday early release time. (1.5 hours at the end of the school day)	Teachers will develop a variety of resources and lessons to use in their classes to support students' active engagement in a student centered environment.
Initial cohort will be assigned to mentor a colleague.	Principal Coach Cohort	Beginning Second Semester January 2017	On-going through school day with focus in bi-weekly training	100% of teachers will be implementing a 1:1 personalized learning environment in their classrooms.
Coach will participate in a state-run training focused on developing coaching skills and support teachers as they take part in online modules to support implementation and teaching strategies.	Coach	Summer 2016 and SY 2016-17	Travel Costs will be borne by District Title II Grant	Coach will be better versed in working with adult learners as they support the implementation of devices and pedagogy.
Optional weekly district professional development on implementation of personalized learning for all district staff.	District Leadership Coach	August 2016 – June 2017	After school on a voluntary basis receiving recertification credit	Collaboration across the District in the implementation of personalized learning for students.

**Objective 3: Improve student outcomes by providing all students the skills to communicate and collaborate through technology, allowing them to be critical and creative thinkers in learner centered classrooms that challenge beyond traditional practices.**

Description: CCOMS is committed to efforts that maximize the positive transformation of teaching and learning. There is a common focus on increasing students' achievements and closing the achievement gap. To ensure that all students are equipped with knowledge and skills necessary to achieve in the 21<sup>st</sup> Century, educational technology must permeate every corner of the learning process.

Students will invest in their learning by creating a digital portfolio within Canvas to showcase their 21<sup>st</sup> Century skills. Students will be able to communicate and collaborate effectively through the use of technology in new and creative ways while using critical thinking skills and developing their personal learning networks. Their education will be a global experience as they connect outside their local limitations.

Action Step	Responsible	Timeline	Resources	Outcomes
Students will be issued their own personal portable device.	Principal District Technology Coordinator	Fall 2016	Funding from NV21 technology grant \$534 x 684= \$365,256	All students will have Chromebooks to use in all classes.
Students will have increased engagement and motivation as measured by observations.	Principal District Leadership Coach	January 2017	Classroom Walk-through tool for NEPF	Students will become more active and enthusiastic in their learning.
Students will work with teachers to develop personalized learning plans.	Teachers Students	Fall of 2016	Templates for Student Learning Plans	Students will have a guideline that directs their instruction.
Students will develop practices that will deepen their understanding of content after it has been introduced through the use of collaborative learning strategies, demonstration, questioning, research and problem-based learning.	Teacher Students	On-going	Teacher professional development	Students will produce work documents that show a deep understanding of the content area.
Students will exhibit an increase in achievement on the Nevada Academic Content Standards as measured through formative and summative benchmark assessments.	Principals Teachers Students	April 2017	SBAC summative and interim assessments	10% increase in overall student percent proficient in the NVCRT in ELA and Math from the spring of 2016 to the spring of 2017.

**Objective 4: Parents and other stakeholders will support students in 21<sup>st</sup> Century learning strategies at home and outside the classroom.**

**Description:** Engagement outside of school is an outcome that CCSD expects to see through flipped and blended models of learning. The local library is located adjacent from the school and has created a media center with free Wi-Fi. This is one place that students will go outside of school to work on projects. Students will also be able to take their Chromebooks home and continue to collaborate with peers as well as have access to parent support.

Action Step	Responsible	Timeline	Resources	Outcomes
A Technology Parent Academy will be established and offer 21 <sup>st</sup> Century Learning Skills teach other parents about the importance of technology and how to support students at home and outside of the classroom through the use of technology.	Principal Coach	SY 2016-17	CCMS Parent Involvement Committee	Parents and students will work together to learn and apply the skills necessary for 21 <sup>st</sup> Century Learning. This will alleviate the misconception about the role of technology in schools and at home.
A brochure will be developed to support parents and other stakeholders how to access technology in the community and specific information how to support digital learning at home.	Principal Coach	Fall 2016	None at this time	An easy accessible resource for parents and other stakeholders.

**Objective 5: CCMS will have the technical support necessary to have a digital learning environment.**

**Description:** CCSD is committed to providing teachers and students with the technology and support needed to create an environment for 21<sup>st</sup> Century learning. It is recognized that in order to sustain a successful 1:1 program, CCMS must have in place a system for technology support that responds to issues quickly and effectively. To address this, a help desk system is in place that responds to issues ranked in priority using a 1 to 2 level of support based on urgency of need. Level 1 filters all requests and address minimal issues such as password and queue requests or moves request to next level if issue is more complex. Level 1 actions will be handled through the technology coach. Level 2 issues will be handled by a technician with expertise in that specific problem.

Action Step	Responsible	Timeline	Resources	Outcomes
Online help tickets will be acknowledged within a 24 hour time period.	Teachers District Technology Coordinator	On-going	None at this time (embedded in District)	All requests will be answered with time frame.

	Department/ Technicians			
Technology Department will monitor connectivity to ensure a minimum of 100 kilobits per second of Internet bandwidth is available for students during school hours.	Technology Department Technology Coordinator	On-going	None at this time	Bandwidth will be fully functioning.

## BUDGET EXPENDITURE SUMMARY

SCHOOL DISTRICT Churchill County School District PROJECT NUMBER \_\_\_\_\_

SCHOOL / GRANT NAME: Churchill County Middle School FISCAL YEAR 2016-2017

CHECK ONE: BUDGET X AMENDMENT \_\_\_\_\_ FINAL REPORT \_\_\_\_\_

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries	0.00	0.00	0.00
200	Benefits	0.00	0.00	0.00
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel	0.00	348.00	
	500 Other	0.00	0.00	
	<b>Total 500</b>	0.00	348.00	348.00
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software	3,547.32	0.00	
	652 Information Tech Items of Value *	385,014.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	<b>Total 600</b>	388,561.32	0.00	388,561.32
800	810 Dues and Fees	8,500.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	<b>Total 800</b>	8,500.00	0.00	8,500.00
<b>Subtotal 100 - 600 &amp; 800</b>		397,061.32	348.00	397,409.32
<b>** Approved Indirect Cost Rate : 4.72%</b>				18,757.72
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	<b>Total 700</b>	0.00	0.00	0.00
<b>TOTAL</b>				416,167.04

Signature: \_\_\_\_\_

Signature of Authorized Representative

Date 2/8/2016

\* All Items of Value must be itemized on the Budget Detail.

\*\* Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY

Initial \_\_\_\_\_

Date Approved \_\_\_\_\_

# BUDGET EXPENDITURE SUMMARY

SCHOOL DISTRICT Churchill County School District

PROJECT NUMBER \_\_\_\_\_

SCHOOL / GRANT NAME: Churchill County Middle School

FISCAL YEAR

2016

CHECK ONE: BUDGET X

AMENDMENT \_\_\_\_\_

FINAL REPORT \_\_\_\_\_

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries	0.00	0.00	0.00
200	Benefits	0.00	0.00	0.00
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel	0.00	216.00	
	500 Other	0.00	0.00	
	<b>Total 500</b>	0.00	216.00	216.00
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software	3,547.32	0.00	
	652 Information Tech Items of Value *	19,758.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	<b>Total 600</b>	23,305.32	0.00	23,305.32
800	810 Dues and Fees	8,500.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	<b>Total 800</b>	8,500.00	0.00	8,500.00
<b>Subtotal 100 - 600 &amp; 800</b>		31,805.32	216.00	32,021.32
** Approved Indirect Cost Rate : 4.72%				1,511.41
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	<b>Total 700</b>	0.00	0.00	0.00
<b>TOTAL</b>				33,532.73

Signature: \_\_\_\_\_

Signature of Authorized Representative

Date

2/8/2016

\* All Items of Value must be itemized on the Budget Detail.

\*\* Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY

Initial \_\_\_\_\_

Date Approved \_\_\_\_\_

## INSTRUCTION

Grant: NV Ready 21

Project No:

Fiscal Year: \_\_\_\_\_

A	B	C	D	E	F
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount  Budget Summary Object Total
100	<b>PERSONNEL:</b>				
	Certified Teachers, Traditional				
	Certified Teachers, Yr Round				
	Substitutes				
	Classified				
	Assistants				
	Aides				
	Extra Duty Stipends: one-time				
	Training Stipends				
	Certified Instructor Stipends				
	Certified Hourly Pay				
	NARRATIVE:				
	TOTAL			\$ -	\$ -
200	<b>BENEFITS:</b>				
	Group Insurance				
	Life Insurance: Cert / Class				
	Life Insurance: Admin / Pro				
	Long Term Disab: Admin / Pro				
	FICA				
	PERS				
	Medicare				
	Workers Compensation				
	Other Post Emp Benefits				
	Post Employment Benefits				
	NARRATIVE:				
	Standard fringe benefits rates.				
	TOTAL			\$ -	\$ -

## INSTRUCTION

Grant: NV Ready 21

Project No: \_\_\_\_\_

Fiscal Year: \_\_\_\_\_

A	B	C	D	E	F
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount  Budget Summary Object Total
300	PURCHASED PROF. SERVICES:				
320	Educational Consultants				
330	Employee Training & Develop				
	NARRATIVE:				
				TOTAL	\$ - \$ -
400	PURCHASED PROP. SERVICES:				
Other	Insert Object & Description				
	NARRATIVE:				
				TOTAL	\$ - \$ -



Grant: NV Ready 21

Fiscal Year: \_\_\_\_\_

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## INSTRUCTION

Grant: NV Ready 21

Project No: \_\_\_\_\_

Fiscal Year: \_\_\_\_\_

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
600	SUPPLIES:					
610	General Supplies					\$ -
612	Non Info Tech Inventory Items					\$ -
620	Energy					\$ -
630	Food, Nutrition Program Only					\$ -
640	Professional Books (Ex 641)					\$ -
640	Magazines/Periodicals(Ex 641)					\$ -
640	Library Books (Ex 641)					\$ -
641	Textbooks					\$ -
650	Info Tech Supplies					\$ -
651	Instructional Software		721	\$4.92	\$ 3,547.32	\$ 3,547.32

## INSTRUCTION

Grant: NV Ready 21

Project No: \_\_\_\_\_

Fiscal Year: \_\_\_\_\_

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
651	Administrative Software					
652	Computers		37	\$534.00	\$ 19,758.00	\$ -
652	Info Tech Inventory Items					\$ 19,758.00
653	Web Based & Similar					\$ -
<b>NARRATIVE:</b> There will be a total of 721 users to for the management learning system, Canvas. (721users X \$492 = \$3,547.32)  There are 37 teachers that will need to have a CTL NL6B Chromebook device. (37 teachers X \$534 = \$19,758.00)						
<b>TOTAL</b>					<b>\$ 23,305.32</b>	

## INSTRUCTION

Grant: NV Ready 21

Project No: \_\_\_\_\_

Fiscal Year: \_\_\_\_\_

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
800	OTHER OBJECTS:					
810	Dues & Fees			\$4,500.00 \$4,000.00	\$ 8,500.00	
890	Miscellaneous					\$ 8,500.00
800 Other	Insert Object & Description					\$ -
						\$ -
	<b>NARRATIVE:</b> The implementation of 1:1 will require an implementation fee of \$4,500.00 and a Tier 1 Faculty Annual Support Fee of \$4,000.00.					
				<b>TOTAL</b>	\$ 8,500.00	
Subtotal Objects 100 - 600 & 800					\$ 31,805.32	
Approved Indirect Cost Rate: 4.72% x Subtotal Above					\$ 1,501.21	
700	EQUIPMENT:					
730	Capital Equipment > \$5,000					
730	Capital Computer > \$5,000					\$ -
700 Other	Other > \$5,000					\$ -
						\$ -
	<b>NARRATIVE:</b>					
				<b>TOTAL</b>	\$ -	
<b>GRANT TOTAL</b>					\$ 33,306.53	

Grant: NV Ready 21

Fiscal Year: 2016

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Grant: NV Ready 21

Fiscal Year: 2016

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## SUPPORT SERVICES

Grant: NV Ready 21Project No: \_\_\_\_\_  
Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
500	OTHER PURCHASED SERVICES:					
510	Student Transportation					\$ -
519	Student Travel & Related					\$ -
580	Travel		18	\$12.00	\$ 216.00	\$ 216.00
580	Mileage					\$ -
531	Postage					\$ -
534	Cell Phone					\$ -
550	Printing					\$ -
560	Student Tuition					\$ -
500 Other	Insert Object & Description					\$ -
500 Other	Insert Object & Description					\$ -
<b>NARRATIVE:</b> (\$12.00 X 18 participants = \$216.00) Per diem for each participant (lead teachers, coaches, school administrators and district leads) to attend professional development provided by the state in May and June 2016.						\$ -
<b>TOTAL</b>					\$ 216.00	

**SUPPORT SERVICES**

Grant: NV Ready 21

Project No: \_\_\_\_\_

Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
600	SUPPLIES:					
610	General Supplies					\$ -
612	Non Info Tech Inventory Items					\$ -
620	Energy					\$ -
630	Food, Nutrition Program Only					\$ -
640	Professional Books (Ex 641)					\$ -
640	Magazines/Periodicals(Ex 641)					\$ -
640	Library Books (Ex 641)					\$ -
641	Textbooks					\$ -
650	Info Tech Supplies					\$ -
651	Instructional Software					\$ -



Grant: NV Ready 21

Fiscal Year: 2016

[illegible]

**SUPPORT SERVICES**

Grant: NV Ready 21

Project No: \_\_\_\_\_

Fiscal Year: 2016

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
800	OTHER OBJECTS:					
810	Dues & Fees					
890	Miscellaneous					\$ -
800 Other	Insert Object & Description					\$ -
NARRATIVE:						
<b>TOTAL</b>					\$ -	
Subtotal Objects 100 - 600 & 800					\$ 216.00	
Approved Indirect Cost Rate: 4.72% x Subtotal Above					\$ 10.20	
700	EQUIPMENT:					
730	Capital Equipment > \$5,000					
730	Capital Computer > \$5,000					\$ -
700 Other	Other > \$5,000					\$ -
NARRATIVE:						
<b>TOTAL</b>					\$ -	
<b>GRANT TOTAL</b>					\$ 226.20	

# BUDGET EXPENDITURE SUMMARY

SCHOOL DISTRICT Churchill County School District

PROJECT NUMBER \_\_\_\_\_

SCHOOL / GRANT NAME: Churchill County Middle School

FISCAL YEAR

2017

CHECK ONE: BUDGET X

AMENDMENT \_\_\_\_\_

FINAL REPORT \_\_\_\_\_

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	Salaries	0.00	0.00	0.00
200	Benefits	0.00	0.00	0.00
300	Purchased Professional Services	0.00	0.00	0.00
400	Purchased Property Services	0.00	0.00	0.00
500	510 Student Transportation Services	0.00	0.00	
	580 Staff Travel	0.00	132.00	
	500 Other	0.00	0.00	
	<b>Total 500</b>	0.00	132.00	132.00
600	610 General Supplies (exclude 612)	0.00	0.00	
	612 Non InformationTech Items of Value *	0.00	0.00	
	620 Energy	0.00	0.00	
	630 Food	0.00	0.00	
	640 Books and Periodicals (Ex 641)	0.00	0.00	
	641 Textbooks	0.00	0.00	
	650 Supplies; Info Tech (Ex 651 , 652, 653)	0.00	0.00	
	651 Software	0.00	0.00	
	652 Information Tech Items of Value *	365,256.00	0.00	
	653 Web-based and Similar Programs	0.00	0.00	
	<b>Total 600</b>	365,256.00	0.00	365,256.00
800	810 Dues and Fees	0.00	0.00	
	890 Other Miscellaneous	0.00	0.00	
	800 Other	0.00	0.00	
	<b>Total 800</b>	0.00	0.00	0.00
<b>Subtotal 100 - 600 &amp; 800</b>		365,256.00	132.00	365,388.00
<b>** Approved Indirect Cost Rate : 4.72%</b>				17,246.31
700	730 Equipment: over \$5,000 each	0.00	0.00	
	700 Other	0.00	0.00	
	<b>Total 700</b>	0.00	0.00	0.00
<b>TOTAL</b>				382,634.31

Signature: \_\_\_\_\_

Signature of Authorized Representative

Date

2/8/2016

\* All Items of Value must be itemized on the Budget Detail.

\*\* Indirect Cost Rates must be approved by the Dept. of Education before the subgrantee may budget for and charge those costs to the grant.

DEPARTMENT OF EDUCATION USE ONLY

Initial \_\_\_\_\_

Date Approved \_\_\_\_\_

Grant: NV Ready 21

Fiscal Year: 2017

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Grant: NV Ready 21

Fiscal Year: 2017

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Grant: NV Ready 21

Project No: \_\_\_\_\_  
Fiscal Year: 2017

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## INSTRUCTION

Grant: NV Ready 21Project No: \_\_\_\_\_  
Fiscal Year: 2017

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
600	SUPPLIES:					
610	General Supplies					\$ -
612	Non Info Tech Inventory Items					\$ -
620	Energy					\$ -
630	Food, Nutrition Program Only					\$ -
640	Professional Books (Ex 641)					\$ -
640	Magazines/Periodicals(Ex 641)					\$ -
640	Library Books (Ex 641)					\$ -
641	Textbooks					\$ -
650	Info Tech Supplies					\$ -
651	Instructional Software					\$ -

## INSTRUCTION

Grant: NV Ready 21

Project No: \_\_\_\_\_

Fiscal Year: 2017

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
651	Administrative Software					
						\$ -
652	Computers		684	\$534.00	\$ 365,256.00	
						\$ 365,256.00
652	Info Tech Inventory Items					
						\$ -
653	Web Based & Similar					
						\$ -
<b>NARRATIVE:</b> There are 684 students that will be participating in the 1:1 program needing to have the CTL NL6B Chromebook device. (684 students X \$534 = \$365,256.00)						
<b>TOTAL</b>					<b>\$ 365,256.00</b>	



## INSTRUCTION

Grant: NV Ready 21

Project No: \_\_\_\_\_

Fiscal Year: 2017

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
800	OTHER OBJECTS:					
810	Dues & Fees					\$ -
890	Miscellaneous					\$ -
800 Other	Insert Object & Description					\$ -
	NARRATIVE:					
				TOTAL	\$ -	
Subtotal Objects 100 - 600 & 800					\$ 365,256.00	
Approved Indirect Cost Rate: 4.72% x Subtotal Above					\$ 17,240.08	
700	EQUIPMENT:					
730	Capital Equipment > \$5,000					\$ -
730	Capital Computer > \$5,000					\$ -
700 Other	Other > \$5,000					\$ -
	NARRATIVE:					
				TOTAL	\$ -	
GRANT TOTAL					\$ 382,496.08	

Grant: NV Ready 21

Fiscal Year: 2017

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Fiscal Year: 2017

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## SUPPORT SERVICES

Grant: NV Ready 21

Project No: \_\_\_\_\_

Fiscal Year: 2017

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
500	OTHER PURCHASED SERVICES:					
510	Student Transportation					\$ -
519	Student Travel & Related					\$ -
580	Travel		11	\$12.00	\$ 132.00	\$ 132.00
580	Mileage					\$ -
531	Postage					\$ -
534	Cell Phone					\$ -
550	Printing					\$ -
560	Student Tuition					\$ -
500 Other	Insert Object & Description					\$ -
500 Other	Insert Object & Description					\$ -
<b>NARRATIVE:</b> (\$12.00 X 11 participants = \$132.00) Per diem for each participant (lead teachers, coaches and school administrators) to attend professional development provided by the state in March 2017.						
<b>TOTAL</b>					\$ 132.00	

SUPPORT SERVICES

Grant: NV Ready 21

Project No: \_\_\_\_\_  
Fiscal Year: 2017

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
600	SUPPLIES:					
610	General Supplies					\$ -
612	Non Info Tech Inventory Items					\$ -
620	Energy					\$ -
630	Food, Nutrition Program Only					\$ -
640	Professional Books (Ex 641)					\$ -
640	Magazines/Periodicals(Ex 641)					\$ -
640	Library Books (Ex 641)					\$ -
641	Textbooks					\$ -
650	Info Tech Supplies					\$ -
651	Instructional Software					\$ -

Grant: NV Ready 21

Fiscal Year: 2017

[illegible]

SUPPORT SERVICES

Grant: NV Ready 21

Project No: \_\_\_\_\_  
Fiscal Year: 2017

A	B	C	D	E	F	
Object Code	Title of Position or Description of Item	FTE	Quantity	Unit Amount/ Calculations	Total Amount	Budget Summary Object Total
800	OTHER OBJECTS:					
810	Dues & Fees					\$ -
890	Miscellaneous					\$ -
800 Other	Insert Object & Description					\$ -
NARRATIVE:						
TOTAL					\$ -	
Subtotal Objects 100 - 600 & 800					\$ 132.00	
Approved Indirect Cost Rate: 4.72% x Subtotal Above					\$ 6.23	
700	EQUIPMENT:					
730	Capital Equipment > \$5,000					\$ -
730	Capital Computer > \$5,000					\$ -
700 Other	Other > \$5,000					\$ -
NARRATIVE:						
TOTAL					\$ -	
GRANT TOTAL					\$ 138.23	

### Oversubscription Rate Calculator

Please enter the bandwidth available at each school site in column C and the available upstream bandwidth in cell E4. Report the oversubscription rate from E7 as the answer to question 2 in the *Connectivity* section.

School Name	Bandwidth (mbps)
EC Best	1000
Northside	1000
Lahontan	1000
Numa	1000
Churchill County Middle School	1000
Churchill County High School	1000
<b>Total</b>	<b>6000</b>

Upstream WAN connection speed (mbps)	100
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<b>Oversubscription Rate</b>	
	60.0 to 1